

FROLOV, Nikolay Adrianovich; VAYNBERG, M.M., prof., retsenezent;
NEMTSOVA, L.G., red.; GOLOVKO, B.N., tekhn.red.

[Course of mathematical analysis] Kurs matematicheskogo
analiza. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.
RSFSR. Pt.2. [Textbook for physicomathematical departments
of pedagogical institutes] Posobie dlia fiziko-matematicheskikh
fakul'tetov pedagogicheskikh institutov. 1959. 350 p. (MIRA 12:8)
(Mathematics--Study and teaching)

16(1)

AUTHORS: Vaynberg, ~~V. M.~~ Shragin, I.V.

SOV/20-128-1-1/58

TITLE: Nonlinear Operators and Hammerstein Equations in Orlicz Spaces

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 128, Nr 1, pp 9-12 (USSR)

ABSTRACT: The authors prove new existence and uniqueness theorems for the nonlinear equation

$$(1) \quad u(x) = \int_B K(x,y)g(u(y),y)dy = \Gamma u ,$$

as well as existence theorems for eigenfunctions of the Hammerstein operator Γ in Orlicz spaces. The most essential difference from the known results in this direction consists in the fact that the complete continuity of the linear integral operator A

$$(2) \quad A = \int_B K(x,y)v(y)dy$$

is not demanded. The Orlicz spaces are introduced about according to Zaanen, whereby former results of the authors

Card 1/2

Nonlinear Operators and Hammerstein Equations
in Orlicz Spaces

SOV/20-128-1-1/58

and of others [Ref 6 - 10,12_] are used. Six theorems are given.

There are 12 references, 7 of which are Soviet, 3 Polish, 1 American, and 1 Dutch.

ASSOCIATION: Moskovskiy oblastnoy pedagogicheskiy institut imeni N.K. Krupskoy (Moscow Regional Pedagogical Institute imeni N.K. Krupskaya)
Kostromskoy gosudarstvennyy pedagogicheskiy institut imeni N.A. Nekrasova (Kostroma State Pedagogical Institute imeni N.A. Nekrasov)

PRESENTED: May 12, 1959, by S.L. Sobolev, Academician
SUBMITTED: May 11, 1959

Card 2/2

1

68138

16(4)-16-1500

AUTHORS: Vaynberg, M.M., Kachurovskiy, R.I.

SOV/20-129-6-1/69

TITLE: On the Variation Theory of Non-Linear Operators and Equations

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 129, Nr 6,
pp 1199 -1202 (USSR)

ABSTRACT: Let A be a linear integral operator $A v = \int_D K(x,y)v(y)dy$,

where $u = g(u(x), x)$ the Nemytskiy operator and $A^* = A^H$ the operator of Hammerstein. The kernel $K(x,y)$ is assumed to be symmetric. Let

$K_{i_1}(x,y) = K(x + \frac{i-1}{n}, y + \frac{i-1}{n})$ for $0 \leq x, y \leq \frac{1}{n}$ ($i_1 = 1, 2, \dots, n$;
 $n \geq 2$) and the operator A_{i_1} is assumed to be defined by $A_{i_1} v =$

$= \frac{1}{n} \int_0^1 K_{i_1}(x,y)v(y)dy$. Let $A_{i_1} \rightarrow A$, if for a certain n all the
 A_{i_1} are self-adjoint and positive in L^2 . Let the real function
 $g(u,x)$ be defined for $u \in (-\infty, \infty)$, $x \in [0,1]$ and be continuous in u and measurable in x in $D: 0 \leq x, y \leq 1$. A is

Card 1/4

68138

On the Variation Theory of Non-Linear Operators
and Equations

SOV/20-129-6-1/69

assumed to be completely continuous from L^q in L^p ($p \geq 2$,
 $p^{-1} + q^{-1} = 1$).

Theorem 1: Let $g(u, x) = a(x) + b \cdot u^{p-1}$, $2 \int_0^u g(v, x) dv$

$\leq a_1 u^2 + b_1(x) u + c(x)$, where $a(x) \in L^q$; $b > 0$; $a_1 \in L^{n-1}$,

λ small characteristic number of the A_1 ; $b_1(x) \in L$,

$\lambda = \frac{2}{2-\alpha}$, $0 < \alpha < 2$, $c(x) \in L^1$. Then $u = \lambda u$ has at least

one solution in L^p .

Theorem 2 contains the same statement for the system $u_i(x) =$

$\int_D \sum_{j=1}^n K_{ij}(x, y) g_j(u_1(y), u_2(y), \dots, u_n(y), y) dy$ with

Card 2/4

68138

2

On the Variation Theory of Non-Linear Operators
and Equations

SOV/20-129-6-1/69

$$g_y(u_1, \dots, u_n, y) = \frac{\partial}{\partial u_y} G(u_1, \dots, u_n, y).$$

Theorem 3 gives conditions for the existence of at least one bounded solution of the equation $u = \Gamma u$.

Three further theorems deal with the eigenfunctions of Γ ,

e.g. Theorem 5: Let $|g(u, x)| \leq a(x) + b|u|^{p-1}$ where $a(x) \in L^q$, $b > 0$, $g(0, x) = 0$. Then there exists a continuum of eigenfunctions of the operator Γ , which belong to L^p and the norms of which are smaller than an arbitrary positive number.

The last theorem deals with the variational principle for the existence of a fixed point:

Theorem 7: Let the potential operator $F(x)$ given in the reflexive Banach space E satisfy the conditions:

$(F(x+y) - F(x), y) \geq 0$, $(F(x_0 + y) - F(x_0), y) \geq \|y\| \chi(\|y\|)$,
where $x_0, y \in E$, x_0 fixed vector, x, y arbitrary vectors,

$\chi(t) > 0$ for $t > 0$ and $\lim_{R \rightarrow \infty} \int_0^R \chi(t) dt = +\infty$. A unique

Card 3/4

68138

On the Variation Theory of Non-Linear Operators
and Equations

SOV/20-129-6-1/69

solution of the equation $F(x) = 0$ then exists in E.
There are 3 Soviet references.

ASSOCIATION: Moskovskiy oblastnoy pedagogicheskiy institut imeni N.K.
Krupskoy (Moscow Regional Pedagogical Institute imeni N.K.
Krupskaya)

PRESENTED: August 28, 1959, by S.L. Sobolev, Academician

SUBMITTED: August 28, 1959

X

Card 4/4

16(1) 16. 41600

67938

SOV/20-130-1-1/69

AUTHOR: Vaynberg, M.M.

TITLE: On the Convergence of the Method of Steepest Descent for
Nonlinear Equations

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol 130, Nr 1, pp 9-12 (USSR)

ABSTRACT: Let E be a Banach space and E^* the conjugate space; let (y, x) denote the value of the linear functional $y \in E^*$ on the vector $x \in E$.

Theorem 1: Let the potential operator $F(x)$ differentiable according to Gataux (compare [Ref 9]) be defined and let it satisfy the condition

$$(4) \|h\| \gamma(\|h\|) \leq (F'(x)h, h) \leq M(\|x\|) \|h\|^2,$$

where $\gamma(t)$ is an increasing function, $\gamma(0) = 0$, $\lim_{t \rightarrow \infty} \gamma(t) = +\infty$,

and A is a linearly bounded operator of E^* with respect to E which satisfies the condition

$$(2) (y, Ay) \geq \|y\|^2, \quad y \in E^*.$$

Then the equation

$$(3) F(x) = 0$$

has a unique solution in E . The process of iteration

Card 1/2

On the Convergence of the Method of Steepest
Descent for Nonlinear Equations

67928

SOV/20-130-1-1/69

$$(1) \quad x_{n+1} = x_n - \varepsilon_n A F(x_n),$$

where ε_n are positive numbers, converges to this solution
for every initial approximation x_1 if

$$\frac{1}{2M_n \|A\|^2} \leq \varepsilon_n \leq \frac{1}{M_n \|A\|^2},$$

where $M_n = \max \{1, M(R_n)\}$, $R_n = \|x_n\| + \|A\| \cdot \|F(x_n)\| > 0$.

Theorem 2 treats the solution of (3) with the aid of (1) in
the case of a non-potential $F(x)$.

Theorem 3 and 4 contain estimations of the error for the
considered iteration.- The author mentions L.V.Kantorovich,
Yu.Lumiste, R.I.Kachurovskiy, and N.V.Kirpotina.

There are 10 references, 5 of which are Soviet, 4 American,
and 1 Chinese.

ASSOCIATION: Moskovskiy oblastnoy pedagogicheskiy institut im.N.K.Krupskoy
(Moscow District Pedagogical Institute im.N.K.Krupskaya)

PRESENTED: September 1, 1959, by S.L.Sobolev, Academician

SUBMITTED: August 28, 1959

Card 2/2

A

VAYNBERG, M.M.; SHRAGIN, I.V. (Moskva)

The Hammerstein operator in Orlicz spaces. Part 1. Izv.vys.ucheb.
zav.; mat. no.1:17-27 '65. (MIRA 18:1)

VAYNBERG, M.M. (Moskva); SHRAGIN, I.V. (Moskva)

The Hammerstein operator in Orlicz spaces. Part 2: Topological methods.
Izv. vys. ucheb. zav.; mat no.3:32-37 '65. (MIRA 18:7)

L 10298-66 EWT(d) LJP(c)

ACC NR: AP5028267

SOURCE CODE: UR/0020/65/165/002/0255/0257

AUTHORS: ^{44, 55} Ayzengendler, P. G.; ^{44, 55} Vaynberg, M. M. 35ORG: ^{44, 55} Moscow Regional Pedagogical Institute im. N. K. Krapaka (Moskovskiy oblastnoy pedagogicheskiy institut)

TITLE: Periodic solutions of nonautonomous systems

SOURCE: AN SSSR. Doklady, v. 165, no. 2, 1965, 255-257

TOPIC TAGS: ^{44, 55} differential equation, periodic solution

ABSTRACT: The authors consider

$$dx/dt = Ax + \lambda F(t, x, \lambda).$$

Using a technique they developed in a previous paper (DAN, 163, No. 3, 543, 1965) they draw conclusions concerning the number and form of all periodic solutions of the Poincare problem for nonautonomous systems with analytic right part. Necessary and sufficient conditions are established for convergence of series obtained by the Lyapunov method, showing as a corollary that not every formal periodic solution is present. This paper was presented by academician G. I. Petrov on 28 June 1965. Orig. art. has: 10 formulas. 44-55

SUB CODE: 12/ SUBM DATE: 25Jun65/ ORIG REF: 005/ OTH REF: 002


Card 1/1

UDC: 517.919

VAYNBERG, M.M.; TRENIGIN, V.A.

Liapunov's and Schmidt's methods in the theory of nonlinear
equations and their further development. Usp.mat.nauk 17
no.2:13-75 Mr-Apr '62.

(MIRA 15:12)

(Integral equations)

16,4400

35849
S/044/62/000/002/037/092
C111/C444

AUTHOR: Vaynberg, M. M.
TITLE: New theorems for non-linear operators and equations
PERIODICAL: Referativnyy zhurnal, Matematika, no. 2, 1962, 71,
abstract 2B311. ("Uch. zap. Mosk. obl. ped. in-ta",
1959, 77, 131-143)
TEXT: Considered are equations of the Hammerstein type

$$u(x) = \int_B K(x,y) \phi(u(y), y) dy$$

where, differing from numerous other papers, one does not demand of the kernel $K(x,y)$ anything which would cause the compactness of the operator

$$Av = \int_B K(x, y) v(y) dy \quad .$$

One states e. g.

Theorem 2.1: The following conditions be satisfied:

Card 1/2

+

New theorems for non-linear . . .

S/044/02/000/002/037/032
C111/C444

1.) The operator $A v = \int_B K(x, y) v(y) dy$ positive and selfadjoint in L^2 is a bounded operator from L^q to L^p , $p \geq 2$.

2.) The function $g(u, x)$ monotonely decreasing with respect to u , satisfies the inequalities $|g(u, x)| \leq a(x) + b(u)F^{-1}$, where $a(x) \in L^q$,

$b > 0$, and $2 \int_0^u g(v, x) dv \leq a_1 u^2 + b_1(v) |u|^\alpha + c(x)$, where

$0 \leq a_1 \|A\|_2 < 1$, $0 < \alpha < 2$; $0 \leq b(x) \in L^{\bar{\alpha}}$, $\bar{\alpha} = \frac{2}{2-\alpha}$, $0 \leq c(x) \in L$.

Then the equation $u(x) = \int_B K(x, y) g(u(y), y) dy$ possesses at least one solution which belongs to the space L^p .

An analogous theorem is proved for an operator $\int_B K(x, y) v(y) dy$,

quasilinear in L^2 . In the last paragraph one investigates the existence of the eigenfunctions of the Hammerstein operator in the case of quasi definite kernels $K(x, y)$.

[Abstracter's note: Complete translation.]

Card 2/2

✓

VAYNBERG, M.M.; VINOGRAD, R.E.; DEMIDOVICH, B.P.

Viktor Vladimirovich Nemytskii; on his 60th birthday.

Usp. mat. nauk 16 no.1:201-212 Ja-F '61. (KIRA 14:6)

(Nemytskii, Viktor Vladimirovich, 1900--)

S/199/61/002/002/002/004

B112/B229

AUTHOR: Vaynberg, M. M.

TITLE: Convergence of the method of steepest descent for non-linear equations

PERIODICAL: Sibirskiy matematicheskiy zhurnal, v. 2, no. 2, 1961, 201-220

TEXT: If $F(x)$ is a potential operator and $f(x)$ its potential ($F(x) = \text{grad. } f(x)$), the critical or extreme points of the functional $f(x)$ are solutions of the equation $F(x) = 0$. For the determination of the minima of $f(x)$ the method of steepest descent can be applied. It consists in an iterative process: $x_{n+1} = x_n - t_n F(x_n)$. Among others it was used by L. V. Kantorovich and Yu. Lumiste. In the present work, the author considers potential operators $F(x)$ from a Banach space E and examines the convergence of the method of steepest descent in the form of the iterative process: $x_{n+1} = x_n - \varepsilon_n A F(x_n)$, where A is a linear or nonlinear operator from the Banach space E^* associated to E . He shows the convergence of this iteration, at first for potential operators $F(x)$ and, after setting

Card 1/2

Convergence of the method of ...

S/199/61/002/002/002/004
B112/B229

up a new variational principle of the fixed point, also for more general operators $F(x)$. Among other things, the author proves the following theorems: If $F(x)$ is a differentiable potential operator, if $(F'(x)h, h)$ is not negative and satisfies certain additional conditions; if finally $(z, Az) \geq \|z\|^2$, $\|Az\| \leq a\|z\|$ and ε_n lies within certain bounds, the equation $F(x) = 0$ has exactly one solution x_0 , and the process of iteration: $x_{n+1} = x_n - \varepsilon_n A F(x_n)$ converges toward x_0 with any initial approximation x_1 . If $Ux = \|x\| \text{grad. } \|x\|$, $x \neq 0$, $U0 = 0$ (in this case U is "isometric:" $\|Ux\| = \|x\|$) and $(Uh, F(x+h) - F(x))$ satisfies certain conditions, the equation: $F(x) = 0$ has exactly one solution x_0 . Finally, the author discusses some special cases where Lipschitz conditions play an important role for $F(x)$. There are 16 references: 10 Soviet-bloc and 6 non-Soviet-bloc. ✓

SUBMITTED: May 3, 1960

Card 2/2

T6(T) 16, 41600

AUTHOR: Vaynberg, M.M.

67978

SOV/20-130-1-1/69

TITLE: On the Convergence of the Method of Steepest Descent for
Nonlinear Equations

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol 130, Nr 1, pp 9-12 (USSR)

ABSTRACT: Let E be a Banach space and E^* the conjugate space; let (y, x) denote the value of the linear functional $y \in E^*$ on the vector $x \in E$.

Theorem 1: Let the potential operator $F(x)$ differentiable according to Gataux (compare [Ref 9]) be defined and let it satisfy the condition

$$(4) \|h\| \gamma(\|h\|) \leq (F'(x)h, h) \leq M(\|x\|) \|h\|^2,$$

where $\gamma(t)$ is an increasing function, $\gamma(0) = 0$, $\lim_{t \rightarrow \infty} \gamma(t) = +\infty$,

and A is a linearly bounded operator of E^* with respect to E which satisfies the condition

$$(2) (y, Ay) \geq \|y\|^2, \quad y \in E^*.$$

Then the equation

$$(3) F(x) = 0$$

Card 1/2

has a unique solution in E . The process of iteration

4

67928

On the Convergence of the Method of Steepest
Descent for Nonlinear Equations

SOV/20-130-1-1/69

$$(1) \quad x_{n+1} = x_n - \xi_n A F(x_n),$$

where ξ_n are positive numbers, converges to this solution
for every initial approximation x_1 if

$$\frac{1}{2M_n \|A\|^2} \leq \xi_n \leq \frac{1}{M_n \|A\|^2},$$

where $M_n = \max \{1, M(R_n)\}$, $R_n = \|x_n\| + \|A\| \cdot \|F(x_n)\| > 0$.

Theorem 2 treats the solution of (3) with the aid of (1) in
the case of a non-potential $F(x)$.

Theorem 3 and 4 contain estimations of the error for the
considered iteration.- The author mentions L.V.Kantorovich,
Yu.Lumiste, R.I.Kachurovskiy, and N.V.Kirpotina.

There are 10 references, 5 of which are Soviet, 4 American,
and 1 Chinese.

ASSOCIATION: Moskovskiy oblastnoy pedagogicheskiy institut im.N.K.Krupskoy
(Moscow District Pedagogical Institute im.N.K.Krupskaya)

PRESENTED: September 1, 1959, by S.L.Sobolev, Academician

SUBMITTED: August 28, 1959

Card 2/2

A

VAYNBERG, M.S., kand.tekhn.nauk

Evaluating economic factors in the selection of sites for
apartment houses. Gor.khoz.Mosk. 36 no.4:31-33 Ap '62.
(MIRA 15:8)
(Moscow--Apartment houses) (Moscow--Building sites)

RUDERMAN, A.I., prof.; VAYNBERG, M.Sh.: MOSKACHEVA, K.A., doktor med. nauk, prof.; PERESLEGIN, I.A.; SVIRIDOV, N.K.; TIKHONOV, K.B., doktor med. nauk; KRINITSYN, V.D.

Book reviews. Vest. rent. i rad. 40 no.6:65-70 N-D '65.

(MIRA 19:1)

1. Tsentral'nyy nauchno-issledovatel'skiy rentgeno-radiologicheskii institut Ministerstva zdravookhraneniya SSSR, Leningrad (for Tikhonov, Krinitsyn).

VAYNBERG, M.TS.; BRASLAVSKIY, I.M. [Braslavs'kyi, I.M.], doktor ekonom.
nauk, otv. red.; SKRIPNIK, V.T., red.; ZELENKOVA, Ye.F., tekhn.
red.

[New phase in the general crisis of capitalism] Novyi etap zahal'noi
kryzy kapitalizmu. Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia
politychnykh i naukovykh znan' Ukrain's'koi RSR. Ser.4, no.9)
(MIRA 14:11)

(Economic conditions)

VAYNBERG, M.Sh.

Therapeutic gamma-ray apparatus; aid for a general practitioner.
Vest.rent.1 rad. 34 no.2:56-62 Mr-Ap '59. (MIRA 13:4)

1. Iz dozimetricheskoy laboratorii (zav. - dotsent A.N. Krongauz)
Nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta
Ministerstva zdravookhraneniya RSFSR (dir. - dotsent I.G. Iagunova).
(GAMMA RAYS, ther.use,
appar. (Rus))

VAYNBERG, M.Sh.; VERSHININ, N.V.

Control of the Ca¹⁵⁷ preparation in the Y-apparatus GUTB-Cs-400.
Med.rad. 8 no.2:73-75 F'63 (MIRA 16:11)

1. Iz TSentral'nogo instituta usovershenstvovaniya vrachey i
Instituta gigiyeny truda i professional'nykh zabolevaniy
AMN SSSR.

*

VAYNBERG, M. Sh.

Removable seat for the rotational attachment to the stand
of the roentgen or gamma apparatus. Vest. rent. 1 rad. 28
no.2:55-57 Mr-Apr'63. (MIRA 16:9)

1. Iz kafedry radiatsionnoy gigiyeny (zav. - prof. F.G.
Krotkov) Tsentral'nogo instituta usovershenstvovaniya vrachey.
(X-RAYS—EQUIPMENT AND SUPPLIES)
(GAMMA RAYS—EQUIPMENT AND SUPPLIES)

RUDERMAN, Arkadiy Iosifovich; VAYNEBERG, Mark Shmerkovich; SHAPIRO,
I.M., red.; BEL'CHIKOVA, Yu.S., tekhn. red.

[Physical principles of teletherapy using X-rays and gamma
rays; static and moving irradiation] Fizicheskie osnovy
distantсионnoi rentgeno- i gammaterapii; staticheskoe i pod-
vizhnoe obluchenie. Moskva, Medgiz, 1961. 243 p.
(MIRA 15:1)

(X RAYS—THERAPEUTIC USE)
(GAMMA RAYS—THERAPEUTIC USE)

PHASE I BOOK EXPLOITATION

SOV/6062

Vaynberg, M. Sh., A. N. Krongauz, R. S. Mil'shteyn, V. I. Tryapitsin,
and A. V. Frolova.

Praktikum po dozimetriceskim priboram dlya rentgenovskogo i
yadernykh izlucheniye (Manual on Dosimetric Instruments for X-Ray
and Atomic Radiation). Moscow, Medgiz, 1961. 182 p. 7000
copies printed.

Ed. (Title Page): A. N. Krongauz; Ed.: V. F. Smirnov; Tech. Ed.:
N. I. Lyudkovskaya.

PURPOSE: This book is intended for physicians, medical students, and
laboratory personnel working with radioactive substances.

COVERAGE: The book contains descriptions and technical characteristics
of various dosimetric instruments produced in the USSR and used in
medical practice. It also contains a series of practical exer-
cises to be carried out in the study of nuclear physics and dosi-
metry in medical school. No personalities are mentioned. There

Card 1/5

Manual on Dosimetric (Cont.)

SOV/6062

are 17 references, all Soviet.

TABLE OF CONTENTS:

Foreword	3
Introduction	5
1. Basic reference information on dosimetry	6
2. Classification of dosimetric instruments	19
3. General methodological instructions applying to work with dosimetric instruments	23
4. General instructions for eliminating the simpler defects while working with dosimetric instruments	24
5. Recording of measurement data and their processing	27

PART I. DOSIMETERS

1. RM-1M medical roentgenometer	31
---------------------------------	----

Card 2/5

VAYNBERG, M. Sh.

VAYNBERG, M. Sh.

Development of dosimetry in the U.S.S.R. [with summary in English].
(MIRA 11:2)
Vest. rent. 1 rad. 32 no. 5:35-40 S-O '57.

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta
rentgenologii i radiologii (dir. - dotsent I. G. Legunova)
(RADIOTHERAPY
dosimetry, develop. in Russia (Rus))

VAYNBERG, M.Sh.; KRONGAUZ, A.N.; MIL'SHTEYN, R.S.; TRYAPITSIN, V.I.;
FROLOVA, A.V.; SMIRNOV, V.F., red.; LYUDKOVSKAYA, N.I., tekhn.
red.

[Practical work on dosimetric devices for roentgen and nuclear
radiation] Praktikum po dozimetricheskim priboram dlia rentgenov-
skogo i iadernykh izlucheni By M.Sh.Vainberg i dr. Moskva,
Medgiz, 1961. 188 p. (MIRA 15:2)

(RADIATION—MEASUREMENT)

VAYNBERG, M. Sh.

Terminology used in gamma ray techniques. Standartizatsiia no. 4:
73-74 J1-Ag '56. (MLRA 9:11)
(Gamma rays--terminology)

VAYNBERG, M. Sh.
SUL'KIN, A.G.; VAYNBERG, M. Sh.

Gamma defect detectors. Nauka i zhizn' 24 no.3:54 Mr '57. (MLRA 10:5)
(Gamma rays--Industrial applications)

VAYNBERG, Mikhail Solomonovich, kand.tekhn.nauk. Prinimali uchastiye:
LOMOTIKOV, G.P., inzh.; VINOGRADOV, V.Ya.. SHCHEGLOV, K.A.,
red.; PANCHENKO, M.P., red.izd-va; LELYUKHIN, A.A., tekhn.red.

[Planning of general schemes for city sanitation] Proektirovanie
general'nykh skhem sanitarnoi ochistki gorodov. Moskva, Izd-vo
M-va kommun.khoz.RSFSR, 1960. 142 p. (MIRA 13:7)
(Sanitary engineering)

VAYNBERG, M.Sh.

Introduction of the rad unit into the practice of medical radiology.
Med. rad. 5 no.10:9-13 '60. (MIRA 14:2)
(RADIATION—MEASUREMENT)

RODNIKOVA, A.I.; GABRILOVA, Elena. (Moskva)

Radiotherapy of deep-seated thoracic tumors with mobile irradiation
using the cesium gamma apparatus. Med. rad. 8 no.3:3-10 Mr '63.
(MIRA 17:9)

VAYNBERG, M. Ye.

PA 7/49T44

USSR/Communications

Sep 48

Telephone - Apparatus
Efficiency, Industrial

"Workers of the Institute Are Helping Production,"
M. Ye. Vaynberg, Engr, 1 p

"Vest Svyazi - Elektrosvyaz'" No 9 (102)

Odessa Electrotech Inst assists productive enterprises; helped to install automatic telephone exchange, gave lectures to workmen, and improved existing apparatus.

7/49T44

AUTHOR: Vaynberg, M.Ye., Member of the Association 707/108-13-7-13/14

TITLE: Scientific-Technical Conference at Odessa, Devoted to Radio-Day
(Nauchno-tekhnicheskaya konferentsiya v Odesse, posvyashchennaya
Dnyu radio)

PERIODICAL: Radiotekhnika, 1958, Vol. 13, Nr 7, pp. 87-88 (USSR)

ABSTRACT: The conference was held from April 17 to April 26, 1958 at Odessa.
It had been convened by the Odessa district committee of the
Scientific-Technical Society for Radio Engineering and Electric
Communications imeni A.S.Popov and by the Odessa Electrotechnical
Institute for Telecommunication. During the plenary session Docent
M.K.Khromykh spoke about "Problems of Radio Relay Communication".
Engineer of the Odessa Cable Works B.V.Pesachenko in his report
spoke about the development of the cable industry within the last
10 years. Engineer of the Telephone- and Telegraph Office Odessa,
S.M.Reytblat delivered a report on the most progressive methods
employed in telegraphic correspondence. A.P.Bogachenko, Technical
Engineer of the LTU, Odessa, spoke about "The Protection of Cables
Against Electric Corrosion Within the Urban District of Odessa".
Docent M.F.Kopp spoke about "Modernizing the Equipment of the

Card 1/3

Scientific-Technical Conference at Odessa,
Devoted to Radio-Day

SOV/ 108-13-7-13/14

ATS With a Machine System". Docent of the Chair for the Theory of Electric Telecommunication A.S.Sadovskiy delivered a lecture at one of the works in the city of Perm' on "Telephone Apparatus TsB-ATS With Semiconductor Amplifiers". The conference carried out its work in 4 sections; 17 sessions took place. A total number of 69 lectures was delivered. Docent A.Yu.Lev spoke about the "Problems of Increasing Efficacy When Using Telecommunication Channels". Docent B.I.Yakhinson and Docent L.I.Yaroslavskiy spoke about the new method of increasing efficacy when using channels by means of frequency-phase modulation. Docent A.F.Osadchenko gave a report on the work carried out by the Chair for Radio Broadcasting and Acoustics in connection with the theoretical and experimental determination of the necessary absorption and the measurements of sound-measuring studios. Docent M.O.Gliklikh spoke about the elaboration of the principles of an apparatus for counting letters used in connection with the automatization of telegraphic connections (Chair for Television). - Docent I.I.Shumlyanskiy and Docent L.P.Tsvetsova spoke about "Some Particular Features of Ultrashortwave Generators". V.N. Zakharov

Card 2/3

Scientific-Technical Conference at Odessa,
Devoted to Radio-Day

SOV/ 108-13-7-13/14

spoke about "The Selection of the Method for the Memory in the Blocking Device of the Apparatus for the Automatic Control of Amplification" and about "The Selection of the Memory Element for the Blocking Device for the Automatic Control of Amplification". O.S.Shilov spoke about the "Calculation of a Transposition Circuit in Coordinate-ATS".

ASSOCIATION: Vsesoyuznoye nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi im. A.S. Popova (All-Union Scientific-technical Association for Radio Engineering and Electrical Communications im. A.S. Popov)

1. Communication systems---USSR

Card 3/3

S/108/60/015/010/008/008
B012/B060

AUTHOR: Vaynberg, M. Ye.

TITLE: Scientific-technical Conference at the Odessa Electrotechnical Institute of Communications

PERIODICAL: Radiotekhnika, 1960, Vol. 15, No. 10, pp. 79-80

TEXT: The Nauchno-tekhnicheskaya konferentsiya v Odesskom elektrotekhnicheskoy institute svyazi (Scientific-technical Conference at the Odessa Electrotechnical Institute of Communications) was held from April 12 to 22, 1960. The Conference had been convened by the Odesskoye oblastnoye pravleniye NTORiE im. A. S. Popova (Odessa oblast' Board of NTORiE imeni A. S. Popov) and the Odessa Electrotechnical Institute of Communications. Docent A. F. Kucherov lectured on "The Realization of Lenin's Plan for the Realization of Socialism in the USSR", Docent V. S. Davydov on "V. I. Lenin and the Electrification of the USSR". A. I. Zil'berman, Engineer at the Odesskaya mezhdugorodnaya telefonnaya stantsiya (Odessa Interurban Telephone Station) spoke on "Semiautomatic Interurban Telephone Station) spoke on "Semiautomatic Interurban Telephone Communications".

Card 1/5

Scientific-technical Conference at the Odessa S/108/60/015/010/003/008
Electrotechnical Institute of Communications B012/B060

F. S. Krasnov and D. V. Shafer delivered two lectures: "Duplex High-frequency Telephone Apparatus for Communications by Low Voltage and Power Current Networks", and "Mechanic's Post in High-frequency Communication² at Power Lines". L. M. Levak, Chief of the Odesskoye LTU (Odessa LTU) reported on prospects facing the development of communication means within a region for the benefit of agriculture and its importance in connection with the resolutions adopted at the December Plenary Session of the TsK KPSS. M. P. Polishchuk spoke on "Operational Experience Gained on Mechanisms Driven by Flexible Shafts and Ways of Their Introduction". V. D. Sluchanskiy (Odesskaya direktsiya radiotranslyatsionnoy seti (Odessa Management of the a-f Rediffusion Net)) lectured on the improvement of the broadcasting quality of re-diffusion stations and on the introduction of frequency-modulated ultrashortwave broadcasting. Yu. D. Gusarov, Chief Engineer of the Odesskiy oblastnoy radiotsentr (Odessa oblast' Broadcasting Center) described the results obtained from the observation of spurious radiations in the shortwave transmitter at the control station of the Odessa oblast' broadcasting center along with experimental investigations made toward the suppression of spurious radiations (conducted at the kafedra radiopereadayushchikh ustroystv OEIS

Card 2/5

Scientific-technical Conference at the Odessa
Electrotechnical Institute of Communications

S/108/60/015/010/008/008
B012/B060

(Chair for Broadcasting Devices OEIS) and in the district broadcasting center). V. Ya. Kondratskiy, A. I. Trest, Yu. D. Krasilov, G. Ye. Brutman, and A. D. Shteyner reported on new developments and on the introduction of new techniques. Docent M. F. Kopp reported on work done by the kafedra telefonii OEIS (Chair of Telephone Communications OEIS) for the equipment modernization at the mashinnaya ATS (Rotary (Switching) System). Docent A. S. Sadovskiy spoke on "Telephone Apparatus of Increased Sensitivity". Professor E. V. Zelyakh spoke about "The Methods of Setting up Equivalent Circuits for the Input and Output Resistance of Amplifiers". Docent Ye. A. Samoylenko offered a survey on new domestic and foreign telephone apparatus. V. M. Zakharov described a method of housing amplifiers without an automatic amplification control, ensuring the least noise power. Docent A. Yu. Lev, Docent D. P. Mil'man, Scientific Collaborators V. A. Breskin and A. Ye. Vil'ner spoke on the "Use of Delay Elements for the Correction of Transients". Professor M. D. Khaskind spoke on theoretical problems of the meteoric propagation of radiowaves, and, in a second lecture, on the electromagnetic field above the gyrotropic stratum and on the diffraction of radiowaves in cylindrical meteor trails. Docent B. I. Yakhinson reported on the diffraction of radiowaves in paraboloidal

Card 3/5

Scientific-technical Conference at the Odessa
Electrotechnical Institute of Communications

S/108/60/015/010/008/008
B012/B060

meteor trails. P. Ya. Nudel'man and V. I. Kuli reported on the solution of the linear narrow-band correction of transients. I. M. Simontov described results obtained from the generalized analysis of the automatic amplification control system. I. L. Polyakov spoke about the stability of the negative resistance in a compensation circuit. Professor A. A. Rizkin lectured on "Some Circuits of Stable Two-cascade Semiconductor Amplifiers". Docent A. P. Sorenzon, V. S. Kalabin, and M. D. Ruvinskiy spoke about the "Objective Control of the Quality Characteristics of a Television Channel". Docent I. I. Shumlyanskiy described a new method of separating single-band signals. S. M. K. Khromykh, Candidate of Technical Sciences, spoke about the utilization of the electrical adjustment of klystron emitters. Assistant T. M. Krivitskaya described a method of reducing losses in amplifiers. Docent V. S. Davydov spoke about "The Calculation of Stabilized Operation With a Linear Electrical System With Variable Parameters". I. F. Smolyanets spoke about the "Characteristics in the Calculation of a Triode Oscillator With Overvoltage". O. I. Vostriyakov, Scientific Collaborator, spoke about the results obtained from the study of a polynomial filter with intermediate frequency and electrical control of the transmission band. Twenty out of the lectures delivered were recommended for the Vsesoyuznaya nauchnaya

Card 4/.

Scientific-technical Conference at the Odessa
Electrotechnical Institute of Communications

S/108/60/015/010/008/008
B012/B060

sessiya (All-Union Scientific Session), and twenty-seven for publication.

✓

Card 5/5

VAYNBERG, M.Ye.

Enlarged plenum of the Scientific and Technical Society for
Radio and Electronics in the Odessa Province. Radiotekhnika
16 no.4:75-76 Ap '61. (MIRA 14:9)
(Odessa Province--Telecommunication--Congresses)

VAYNBERG, M.Ye.

All-Union conference held in Odessa dedicated to "Radio Day."
Radiotekhnika 16 no.9:78-80 S '61. (MIRA 14:9)
(Radio—Congresses)

VAYNEBERG, M.Ye.

Scientific and technical conference in Odessa devoted to "Radio
Day." Radiotekhnika 17 no.9:78-80 S '62. (MIRA 15:9)
(Radio--Congresses)

VAYNBERG, M.Ye.

Plenary Session of the A.S.Popov Branch of the Scientific and
Technical Society for Radio and Electronics in Odessa. Radiotekhnika
18 no.7:79-80 JI '63. (MIRA 16:10)

VAYNBERG, M.Ye.

A scientific and technical conference held in Odessa, Radiotekhnika
19 no.3:78-80 Mr '64.
(MIRA 17:4)

L 53584--65

ACCESSION NO: A20014202

Walter J. Riedel, . . . active member; Tarrytown, N.Y. (Active member)

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

SOURCE: Radiotekhnika, v. 14, no. 11, 1961, 77-80

TOPIC TAGS: communication conference

Abstracts: Summaries of all the reports given at the above mentioned conference, held 6-14 April 1964 in Minsk, are given. Over 400 science and engineering workers of the USSR and 100 from Poland as well as representatives of Germany and other countries took part in the conference. Kiev, Lvov, Minsk, Lvov and other cities. Reports are summarized on the following topics:

L 53584-65

ACCESSION NR: AP5016308

analysis of circuits, transmission lines, so-called underground cables
televized, automatic simulation of radio wave propagation and antenna

ASSOCIATION: Vsesoyuzno-tekhnicheskoye obshchestvo inzhenerov i nauchnykh
spetsialistov (All-Union Technical Society for Radio Engineering and Electrical
Communications)

SUBMITTED: 00

ENCL: 00

SUB CODE: EC

NO REF SOV: 000

OTHER: 000

JPRS

Card ^{ent}
2/2

VAYNBERG, M.Ye.; SHEREPA, V.F.

Twenty-first All-Union Scientific Session of the A.S.
Popov Society of Radio and Electronics. Radiotekhnika 20
no.11:75-79 N '65. (MIRA 18:11)

L 25923-66

ACC NR: AP6016682

SOURCE CODE: UR/0108/65/020/011/0077/0078

AUTHOR: Vaynberg, M. Ye.; Sherepa, V. F.

53
B

ORG: none

TITLE: ~~Scientific-engineering conference in Odessa commemorating the 70th anniversary of the invention of the radio~~

SOURCE: Radiotekhnika, v. 20, no. 11, 1965, 77-78

TOPIC TAGS: pattern recognition, circuit theory, TV equipment, electronic equipment, electronic conference, communication conference

ABSTRACT: The conference mentioned in the title was held from 24 to 29 May 1965 and was organized by the Odesskiy elektrotekhnicheskii institut svyazi (Odessa Electrotechnical Communications Institute) jointly with the Oblastnyy NTORiE /Nauchno-technicheskoye obshchestvo radiotekhniki i elektrosvyazi; Scientific-Engineering Association of Radioengineering and Electrical Communications/ im. A. S. Popov, the Oblast Board of the "Znaniye" Society, and the OEIS /Odesskiy elektrotekhnicheskii institut svyazi; Odessa Electrotechnical Communications Institute/. The conference was attended by 500 scientific and engineering-technological workers from Odessa and guests from other localities. The article gives names and brief summaries of 35 of the 80 papers presented to the

Card 1/2

L 25923-66

ACC NR: AP6016682

various sections of the conference (television and pattern recognition, radiotechnical and electronic devices, theory of electronic circuits, signal transfer, automatic switching, and channels of communications). [JPRS]

SUB CODE: 09, 17 / SUBM DATE: none

Card

2/2

VAYNBERG, N.L.; KAZAKOV, L.G.

Work practices of the Kagul Regional Agrochemical Laboratory.

Zemledelie 25 no.4:75-76 Ap '63.

(MIRA 16:5)

(Kagul District--Soils--Analysis)

PALEY, A.Yu., kand.med.nauk.; VAYNBERG, N.S.

Clinical and X-ray characteristics of tuberculous bronchadenitis
in adolescents and adults. Probl.tub. no.4:35-39 '61. (MIRA 14:12)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - dotsent N.M. Yanov) i kafedry tuberkuleza (zav. - prof. B.Z. Bunina) Instituta usovershenstvovaniya vrachey (dir. - dotsent I.I. ~~Grygorenko~~)
(BRONCHI--RADIOGRAPHY) (LYMPHATICS--TUBERCULOSIS)

VAYNBERG, N.S.; BRANT, A.L., kand.med.nauk

Changes in the bronchi in tuberculosis of the bronchial nodes in young persons and adults. Vrach. delo no.4:51-54 Ap '61.

(MIRA 14:6)

1. Kafedra tuberkuleza (zav. - prof. B.Z.Bunina) Instituta usovershenstvovaniya vrachey i Tsentral'nyy protivotuberkuleznyy dispanser G.Khar'kova.

(TUBERCULOSIS)

VAYNBERG, O.; Sliozberg, A.

~~Myasnaya Ind. S.S.S.R. 21, No. 3, 86-9 '50.~~
A perfected method for the production of pepsin for medicinal purposes.
(MLRA 3:5)
(CA 47 no.18:9566 '53)

KOZ'MIN, Filipp Kuz'mich; VORONIN, L.N., gornyy inzh., retsenzent;
VAYNBERG, P.B., retsenzent; SMOLDYREV, A.Ye., red.; ISLENT'YEVA,
P.G., tekhn.red.

[Mine air ducts; design, arrangement and use] Rudnichnye vozdukhopro-
vody; raschet, ustroistvo i ekspluatatsiia. Moskva, Gos.nauchno-tekhn.
izd-vo lit-ry po gornomu delu, 1959. 125 p. (MIRA 12:12)
(Mine ventilation)

TIKHONOV, N.V., kandidat tekhnicheskikh nauk; VAYNBERG, P.V., redaktor;
CHUPROVA, V.M., redaktor; VAYNSHTEYN, Ye.V., tekhnicheskii redaktor.

[Scraper haulage in non ferrous mines] Skrepernaya dostavka na
rudnikakh tsvetnoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo
lit-ry po chernoi i tsvetnoi metallurgii, 1954. 158 p. (MLRA 8:1)
(Scrapers) (Mine haulage)

V.

MIROSHENKO, Svyatoslav Stepanovich; GULEMIN, Nikolay Mikhaylovich; TIKHONOV, N.V., kandidat tekhnicheskikh nauk, retsenzent; VORONIN, L.N., gornyy inzhener, retsenzent; VAYNBERG, P.V., gornyy inzhener, retsenzent; SMOLDYRZEV, A.Ye., redaktor; ATTOROVICH, M.K., tekhnicheskiy redaktor

[Operator of the PML loading machine; tekhtbook for industrial and technical instruction of workers] Mashinist pogruzochnoi mashiny PML; uchebnoe posobie dlia proizvodstvenno-tekhnicheskogo obucheniia rabochikh. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po cherno i tsvetnoi metallurgii, 1957. 190 p. (MLRA 10:10)
(Mining machinery)

USSR/Human and Animal Morphology. Pathological Anatomy

S-5

Abstr Jour : Ref Zhur - Biol., No 20, 1958, No 92897

Author : Vaynsberg S.B.

Inst : Vitebsk Medical Institute

Title : Histological Studies of Excretion of Urea by the Gastro-Intestinal Tract in Renal Hypertension

Orig Pub : Sb. nauchn. tr. Vitebskogo med. in-ta, 1956, vyp. 6, 146-156

Abstract : Post-mortem material was studied from 15 patients who died from uremia due to renal hypertension. The Foss xanthidrol reaction was used for the detection of urea. In all cases dizeanthyl urea crystals, proportionate to the residual nitrogen in the blood, were found in the mucosa of the gastro-intestinal tract (esophagus, stomach, small and large intestines). The crystals were chiefly amassed in the region of the pylorus and duodenum. In all cases there were focal hemorrhages and dystrophic changes of the mucosa in the gastro-intestinal tract and an inflammatory change characterized to a slight degree

Card : 1/2

USSR/Human and Animal Morphology. Pathological Anatomy

S-5

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 92897

by lymphocytic and polymorphonuclear infiltration. These were consistently demonstrated at the fundus and lesser curvature of the stomach, and at the distal part of the ileum and cecum. Dystrophic and inflammatory changes in the stomach and intestine were accompanied by arterio-sclerosis and hyalinization of the vessels, a spastic contraction of the arterioles, focal hemorrhages and fibrinoid necrosis of the vascular walls. Cells and fibers of the Auerbach and Meissner plexus showed dystrophic and necrobiotic changes. There were almost no dianthyl urea crystals in areas of necrobiotic and dystrophic changes. The author considers that the uremic lesions of the mucosa were not caused by the excretion of urea but were the result of a spasm and arteriole necrosis of the vessels. Therefore the author rejects the existence of secretory gastritis. -- I.I. Fenekl'

Card : 2/2

VAYNBERG, S.B. [deceased]; YUDIN, Yu.G.; ANTIPOV, B.V.

Leukemoid reactions in tumor-like diseases. Vop. klin. pat.
no.2:257-262 '61 (MIRA 16:12)

1. Iz patologomorfologicheskogo otdela (zav. - prof. S.B.
Vaynberg [deceased]) Moskovskogo oblastnogo nauchno-issledo-
vatel'skogo klinicheskogo instituta imeni Vladimirskogo.

1. BUNDEL', A.A.: VAYNBERG, V.I.: DOBROLYUBSKAYA, T.S.: ZOLINSKIY, V.V.:
PEKERMANN, F.M.: SMIRNOVA, R.G.: TROFIMOV, A.K.: FRENKEL', S.P.
2. USSR (600)
4. Electric Lighting, Fluorescent
7. Development and study of luminophors based on phosphates for luminescent lamps.
Izv. AN SSSR, Ser.fiz. 15 No. 6, 1951/
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

L 06502-67 EWP(j)/EWT(m) RM
ACC NR: AP7000475

SOURCE CODE: UR/0079/66/036/006/1075/1078

ORLOV, N. F., MILESHKEVICH, V. P., VAYNEURG, V. M., Leningrad Institute of the
Textile and Light Industry im. S. M. Kirov (Leningradskiy institut tekstil'noy
i legkoy promyshlennosti)

"Synthesis of Organosilicon Esters of Alpha- and Beta-Chloroalkyl(aryl)-
phosphinic Acids. Interaction of Bis(trialkylsilyl)chloromethyl-
phosphinates with Sodium Triethylsilanolate"

25
15

Moscow, Zhurnal Obshchey Khimii, Vol 36, No 6, 1966, pp 1075-1078

Abstract: A method was developed for producing new bis(trialkylsilyl) esters
of chloromethyl-, beta-chloroethyl-, and alpha-chlorobenzylphosphinic acids.
They were synthesized by the reaction of dichlorides of the corresponding
chloroalkylphosphinic acids with trialkylacetoxysilanes under conditions of
continuous distillation of the acetylchloride formed. In the reaction of
sodium triethylsilanolate with bis(trialkylsilyl)chloromethylphosphinates,
hexaalkyldisiloxanes and sodium salts of trialkylsilyl esters of chloromethyl-
phosphinic acid were formed. The reaction mechanism deduced indicates a sub-
stantial sensitivity of the P-O-Si group to the action of nucleophilic agents.
Orig. art. has: 1 formula and 1 table. [JPRS: 37,023]

TOPIC TAGS: organosilicon compound, ester, organic synthetic process, phosphinic acid

SUB CODE: 07 / SUBM DATE: 06Feb65 / ORIG REF: 003 / OTH REF: 004

Card 1/1 m Lc

547.419

0923

1186

NIKITIN, Petr Nikolayevich; VAYNBERG, Vera Vladimirovna; SHAMAROVA, T.A.,
redaktor; KUZ'MIN, G.M., tekhnicheskiiy redaktor.

[Andrei Vasil'evich Pastukhov, military topographer and mountain
climber] Andrei Vasil'evich Pastukhov; voennyi topograf i al'pinist.
Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 90 p. (MLRA 9:6)
(Pastukhov, Andrei Vasil'evich, 1858-1899)

BOL'SHAKOV, Nikolay Nikolayevich; VAYNBERG, Vera Vladimirovna; NIKITIN,
Petr Nikolayevich; BOL'SHAKOV, N.N., red.; KOMAR'KOVA, L.M., red.
izd-va; ROMANOVA, V.V., tekhn.red.

[Iosif Ivanovich Khodz'ko; scientist and geodesist] Iosif Ivano-
vich Khodz'ko; uchenyi-geodezist, Moskva, Izd-vo geodez.lit-ry,
1960. 144 p. (MIRA 13:9)

(Khodz'ko, Iosif Ivanovich, 1800-1881)
(Caucasus--Triangulation)

VAYNBERG, Ya.Yu, referent.

Air-conditioned factory laboratory; a paper [Stahl und Eisen
no.26 '53] Abstracted by IA.IU.Vainberg. Zav.lab.21 no.11:
1394-1397 '55. (MIRA 9:2)
(Chemical laboratories--Air conditioning)

VAYNBERG, Ye., inzh.

Housing construction in Moldavia. Zhil.stroi. no.2:20-22
F '60. (MIRA 13:5)

(Moldavia--Apartment houses)

VAYNBERG, David Veniaminovich; VAYNBERG, Yevgeniya Davidovna; REZNICHENKO,
I., red.; IOAKIMIS, A., tekhn.red.

[Plates and disks; strength, stability, and vibrations] Plastiny,
diski, balki-stenki; prochnost', ustoychivost' i kolebaniya.
Kiev, Gos.izd-vo lit-ry po stroit. i arkhitekt.USSR, 1959. 1048 p.
(MIRA 13:2)

(Elastic plates and shells)

VAYNBERG, Ye.G.; PLOTNIKOVA, V.A.; ROZENTUL, P.M.

Results of mass laboratory investigations into the transmission
of diphtheria bacillus in some Moldavian villages. Zdravookhranenie
4 no. 1:45-47 Ja-F '61. (MIRA 14:2)

1. Iz Respublikanskoy sanitarno-epidemiologicheskoy stantsii
Moldavskoy SSR (glavnyy vrach - A.A. Kovalev).
(MOLDAVIA--DIPHTHERIA)

PLOTNIKOVA, V.A.; VAYNBERG, Ye.G.; ROZENTUL, P.M.

Etiological structure of intestinal diseases in infants in Kishinev.
Lab. delo [7] no.4:60-61 Ap '61. (MIRA 14:3)

1. Respublikanskaya sanitarno-epidemiologicheskaya stantsiya Moldavskoy
SSR (glavnyy vrach A.A.Kovalev).
(KISHINEV—INTESTINES—DISEASES)

VAYNBERG, Ye.G., vrach

Accelerated method of the study of contaminated material
in public restaurants. Gig. i san. 28 no.7:61 JI '63.

(MIRA 17:1)

1. Iz Respublikanskoy sanitarno-epidemiologicheskoy
stantsii Kishineva.

GONTOVAYA, N. A.; VAYNBERG, Ye.G.; KATS, Ye.I.

Case of Breslau salmonellosis caused by the consumption of
lightly-salted brynza. Zhur. mikrobiol., epid. i imm. 41
no. 2:150 F '64. (MIRA 17:9)

1. Respublikanskaya sanitarno-epidemiologicheskaya stantsiya
Moldavskoy SSR.

VAYNBERG, Yu.R.

Reduction of formal groups by a modulus of prime numbers.
Sib.mat.zhur.4 no.6:1263-1270 N-D '63. (MIRA 17:9)

SHAFAREVICH, I.R.; AVERBUKH, B.G.; VAYNBERG, Yu.R.; ZHIZHCHENKO, A.B.;
MANIN, Yu.I.; MOYSHEZON, B.G.; TYURINA, G.N.; TYURIN, A.N.;
PETROVSKIY, I.G., akademik, otv. red.; NIKOL'SKIY, S.M., prof.,
zamestitel' otv. red.

[Algebraic surfaces.] Algebraicheskie poverkhnosti. Moskva.
Nauka, 1965. 214 p. (Akademiia nauk SSSR. Matematicheskii
institut. Trudy, vol. 75)

(MIRA 18:5)

VAYNBERG, Z.S.

Problem of hydrocalycosis. Urologia no.1:72-74 Ja-Mr '55.
(MLRA 8:10)

1. Iz urologicheskoy kliniki (zav.prof. I.M.Epshteyn) pri
kafedre fakul'tetskoy khirurgii (zav.zasluzhenyy deyatel'
nauki prof. N.N.Yelanskiy) I Moskovskogo ordena Lenina medi-
tsinskogo instituta.

(HYDRONEPHROSIS,
kidney pelvis)

VAYNBERG, Z.S.

Report on the activities of the Moscow Society of Urologists for the
year 1954. Urologia no.2:87-89 Ap-Je '55. (MLRA 8:10)
(MOSCOW--UROLOGY--SOCIETIES)

VAYNBERG, Z.S.

Present state of the problem of so-called artificial kidney. Urologiya
no.4:68-76 O-D '55. (MLR 9:12)

1. Iz urologicheskoy kliniki (zav. prof. I.M.Epshteyn) I Moskovskogo
ordena Lenina meditsinskogo instituta.
(KIDNEYS, artificial,
review)

2)

VAYNBERG, Z.S.

Report on the activities of the Moscow Society of Urologists in 1955.

Urologia 21 no.2:81-83 Ap-Je '56.

(MLRA 9:12)

(GENITOURINARY ORGANS--DISEASES)

VAYNBERG, Z.S.

Use of biomycin in urological practice. Urologia 22 no.3:47-51
My-Je '57. (MIRA 10:8)

1. Iz kafedry urologii (zav. - prof. I.M.Epshteyn) I Moskovskogo
ordena Lenina meditsinskogo instituta imeni Sechenova
(UROGENITAL SYSTEM, dis.

ther., chlortetracycline)
(CHLORTETRACYCLINE, ther. use
urogenital system dis.)

copy
VAYNEERG, Z. S.: Master Med Sci (diss) -- "Fat substitution in the kidneys and other morphological changes in them in nephrolithiasis. Clinical-anatomical investigation". Moscow, 1958. 13 pp (First Moscow Order of Lenin Med Inst im I. M. Sechenov) (KL, No 4, 1959, 130)

VAYNEERG, Z.S.

Fatty degeneration of the kidney in nephrolithiasis. Urologia
23 no.5:21-27 S-0 '58 (MIRA 11:11)

1. Iz kafedry urlogii (zav. - prof. I.M. Epshteyn) i Moskovskogo
ordena Lenina meditsinskogo instituta imeni I.M. Sechenova i kafedry
urologii (zav. - prof. A.P. Frumkin) Tsentral'nogo instituta
usovershenstvovaniya vrachey.

(KIDNEYS, calculi

causing fatty degen. of kidney (Rus))

(KIDNEY DISEASES, pathogloy

fatty degen. caused by nephrolithiasis (Rus))

VAYNBERG, Z.S. (Moskva, B. Devyatinskiy per., d. 3, kv. 31)

Renal adenosarcoma in an adult. Vop. onk. 5 no.1:120-121 '59.
(MIRA 12:3)

1. Iz Vitebskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach -
A. F. Kotovich) i kafedry patologicheskoy anatomii Meditsinskogo
instituta (zav. - prof. S.B. Vaynberg).

(CARCINOSARCOMA, case reports,

kidney (Rus))

(KIDNEYS, neoplasms,

carcinosarcoma (Rus))

VAYNBERG, Z.S.

Unsuccessful conservative treatment of tuberculosis of the external
genitalia. Urologia 24 no.5:26-30 S-O '59. (MIRA 12:12)

1. Iz kafedry urologii (zav. - prof. I.M. Epshteyn) i Moskovskogo
ordena Lenina meditsinskogo instituta im. I.M. Sechenova.
(TUBERCULOSIS MALE GENITAL ther.)

VAYNBERG, Z.S., kind. med. nauk

Experimental urolithiasis; a review of literature. Sov. med. 27
no.2:110-113 F '64. (MIRA 17:10)

1. Kafedra urologii (zav. - prof. I.M. Epshteyn) I Moskovskogo
ordena Lenina meditsinskogo instituta imeni Sechenova i 67-ya
klinicheskaya bol'nitsa (glavnyy vrach - P.S. Petrushko) Moskvy.

EPSHTEYN, I.M., prof.; VAYNBERG, Z.S., kand.med.nauk; TONGUR, A.M.,
kand.khim.nauk

Experimental nephrolithiasis in the light of electron microscopy
studies. Urol. i nefr. no.2:10-14 '65. (MIRA 19:1)

1. Urologicheskaya klinika (zav.- prof. I.M.Epshteyn) I Moskov-
skogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

VAYNBERG, Z.S., kand. med. nauk

Data on experimental urolithiasis. Urologia, 29 no.2:17-21 Mr-Apr
'64. (MIRA 18:7)

1. Urologicheskaya klinika (zav. - prof. I.M.Epshteyn) i TSentral'naya
nauchno-issledovatel'skaya laboratoriya (zav. - kand. med. nauk A.S.
Chechulin) I Moskovskogo ordena Lenina meditsinskogo instituta imeni
Sechenova.

VAYNBERG, Z.S.; YAROSHINSKIY, Yu.N.

Carcinoma of the seminal vesicles; a case report. *Izv. vuzovsk. 10*
no.8:117-119 '64. (MIRA 18:3)

1. Iz urologicheskogo otdeleniya (zav. - kand.med.nauk Vaynberg
Z.S.) i patologoanatomicheskogo otdeleniya (zav. - doktor
Kaliteyevskiy P.F.) Klinicheskoy bol'nitsy No.67 (glavnyy vrach -
Petrushko, P.S.), Moskva.

VAYNBERG, Z.S.

Development of fatty tissue in the kidney in nephroliathiasis
(fatty replacement of the kidney). Arkh. pat. 21 no.12:46-53 '59.
(CALCULI, URINARY) (MIRA 13:12)

VAYNBERG, L. F.

Chemical Abstracts
May 25, 1954
Biological Chemistry

2
✓ The influence of garlic antibiotics and synthetic mustard oil on pyruvate acid dehydrogenase in nerve tissues. V. L. Vainberg (O. O. Bogomolets Med. Inst., Kiev.) *Ukrain. Biokhim. Zhur.* 24, 85-8 (1952) (Russian summary).—The pyruvate dehydrogenase (I) used in these expts. was prepd. from brain of guinea pigs. The activity of the enzyme was measured according to Thunberg. Both garlic ext. and mustard oil solns. inhibit the action of I. The thiol group of the enzyme is the one affected in this inhibition; this was proved by a series of expts. in the presence of cysteine (II).
singa Rao (Indian Council Med. Research, Connoor, S. India). *Nature* 172, 1162-3 (1953).—Analyses of amino acids liberated by trypsin hydrolysis from casein in the

4
2
0

11/24/54
9-29-54

LAVROV, A.P.; VAYNBERG, Z. TS.; GOLIK, O.D.

Effect of the cerebral cortex on carbohydrate metabolism in the skin.
Vest. vener., Moskva no.3:3-5 May-June 1953. (CJML 25:1)

1. Professor for Lavrov; Candidate Biological Sciences for Vaynberg.
2. Of the Biochemical Laboratory (Head -- Z. TS. Vaynberg), Kiev
Dermato-Venereal Institute (Director -- Prof. A. P. Lavrov).

VAYNBERG, Z. Ts.

U S S R .

*(Determination of albumins and of α , β , and γ -globulins in blood serum. Z. Ts. Vaynberg (Derm-Venerol. Inst., Kiev). *Ukrain. Biochim. Zhur.* 26: 262-7 (in Russian), 267-9 (1954). —Place 0.25 ml. of the blood serum in a centrifuge tube, add 0.25 ml. of 20% soln. of CCl_3COOH , shake, and centrifuge for 5 min. Pour off supernatant liquid. To the sediment add 2.5 ml. of 6.0% NaOH , 2.5 ml. H_2O , and 0.15 ml. of 20.0% CuSO_4 . Break up formed clumps completely in not less than 10 min., and centrifuge. Compare supernatant liquid determined by standard serum soln. in which total protein N was added by the Kjeldahl method. Such standard soln. can be kept at 2-10° for 2-3 weeks. The standard serum is treated similarly to tested serum and the usual colorimetric formula is used for the calculation. In the fractional pptn. of proteins use recrystall. H_2O -free Na_2SO_4 . In each of 3 test tubes add 0.25 ml. of the tested serum, add to each one of the tubes 5 ml. resp. of 15.75, 19.9, and 27.2% solns. of the recrystall. Na_2SO_4 . Shake lightly and allow to stand for 1 hr. in the 37° incubator. While it is still in the incubator, filter and place 0.25 ml. of each of the clear filtrates in a test tube and add to each tube 2.5 ml. of 6.0% NaOH soln. and 0.15 ml. of 20.0% CuSO_4 soln. Proceed as above described. Na_2SO_4 solns. of equilib. given ppt. the following protein fractions: 15.75%, albumin + α - and β -globulins (I); 19.9% albumin + α -globulin (II); 27.2%, albumin (III); α -globulin = total N - I, β -globulin = I - II; γ -globulin = II - III. The method lacks the precision of electrophoresis but is sufficiently accurate for ordinary practical purposes.*

H. S. Levine

VAYNBERG, Z.TS., kand. biolog. nauk; OTT, V.D., kand.med. nauk

Electrophoresis of ordinary and soft-curdled cow milk (ionite).
Pediatriia 42 no.6:11-16 Je'63 (MIRA 17:1)

1. Iz problemnoy laboratorii pitaniya detey rannego vozrasta
pri kafedre gospiatal'noy pediatrii Kiyevskogo meditsinskogo
instituta (nauchnyy rukovoditel' - chlen-korrespondent AMN
SSSR prof. Ye.N.Khokhol) imeni akademika A.A. Bogomol'tsa.

VASIL'YEV, Yu.K., kand.tekhn.nauk; PROKOF'YEV, Yu.A., kand.tekhn.nauk;
VAYNBERGER, G.Ya., inzh.

Stepping motors with active rotors. Elektrichestvo no.2:50-56
F '63. (MIRA 16:5)

1. Institut avtomatiki Gosplana UkrSSR.
(Electric motors, Synchronous)

L 33348-66 EWT(1) GD

ACC NR: AT6005904

SOURCE CODE: UR/0000/65/000/000/0162/0175

AUTHOR: Vasil'yev, Yu. K.; Prokof'yev, Yu. A.; Vaynberger, G. Ya.

ORG: None

TITLE: Active-rotor step motors 29

SOURCE: International Federation of Automatic Control. International Congress. 2d, Basel, 1963. Tekhnicheskiye sredstva avtomatiki (Technical means of automation); trudy kongressa. Moscow, Izd-vo Nauka, 1965, 162-175

TOPIC TAGS: electric motor, step motor, motor design

ABSTRACT: This article examines two-rotor and two-stator step motors with axial distribution of sections (phases). These motors have fundamental advantages over motors with radial distribution of sections, including a smaller inertial moment and more divisions in the stator with an identical step cycle and, consequently, better utilization of the material of the machine. Approximate methods for the calculation of the static and frequency characteristics are investigated. These methods make it possible to determine the basic parameters of machine design. A calculation is performed to determine the minimum interval between the sequence of control pulses. The two-rotor step motor discussed is registered under Author's Certificate No. 131811, June 10 1959, by Yu. K. Vasil'yev. In order to determine the nature of the variation of flux as a function of the position of the rotor and the possibility of a more accurate calculation.

Card 1/2

L 33348-66

ACC NR: AT6005904

tion of the magnetic circuit, a magnetic field in a gap was simulated on the EGDA integrator by Engineer Yu. I. Rybal'chenko. Orig. art. has: 1 table, 13 figures, and 11 formulas.

SUB CODE: 09 / SUBM DATE: 23Jul65 / ORIG REF: 006 / OTH REF: 001

Card 2/2 JS